



10-04-04

JFur

Attorney Docket No. T9613.CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: PAUL T. CLEGG et al.)
TITLE: SWITCH MATRIX)
SERIAL NO.: 10/726,862) INFORMATION DISCLOSURE
FILED: December 2, 2003) STATEMENT UNDER 37 C.F.R.
EXAMINER: M. Friedhofer) § 1.97
ART UNIT: 2832)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449, which contains a list of patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully invokes the Patent Office's obligation under 37 C.F.R. § 1.97 to consider these references and make them of record in the above-captioned application. While no representation is made that

CERTIFICATE OF MAILING BY EXPRESS MAIL LABEL NO. EV 442106224 US

Mailed: September 30, 2004

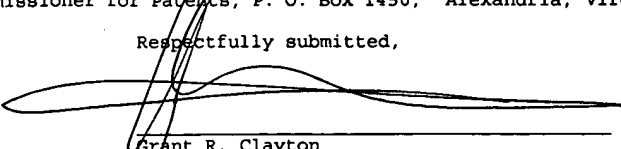
I hereby certify that this correspondence, and all enclosures indicated, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450.

10/06/2004 SSITHIB1 00000096 10726862

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Respectfully submitted,


Grant R. Clayton
Attorney Registration No. 36,462
Attorney for Applicant

any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously cited by or submitted to the Office, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) that was not previously submitted to, or cited by, the Patent Office is also enclosed.

Statement of Relevance of References Listed
Unaccompanied by English Translation
Under 37 C.F.R. § 1.98(a)(3)

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference not in the English language or unaccompanied by a translation into English is provided.

DE 32 24 997 A1 (Germany) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

DE 43 08 161 A1 (Germany) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

EP 0 022 516 (Europe) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

EP 0 346 614 (Europe) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest

the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

EP 0 466 152 (Europe) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

EP 0 513 443 (Europe) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear to be potentially relevant to some of the disclosure contained in the above-captioned application.

FR 2 702 115 (France) is believed to be potentially relevant to the above-captioned application because of the figures therein. Although the figures do not appear to teach or suggest the invention defined in any of the claims of the above-captioned application, the structural elements in the figures may appear

to be potentially relevant to some of the disclosure contained in the above-captioned application.

In accordance with 37 C.F.R. § 1.98(c), all English translations, or portion thereof, within the possession, custody, control or ready availability of anyone designated in 37 C.F.R. § 1.56(c), of each nonenglish reference, if any, are also enclosed.

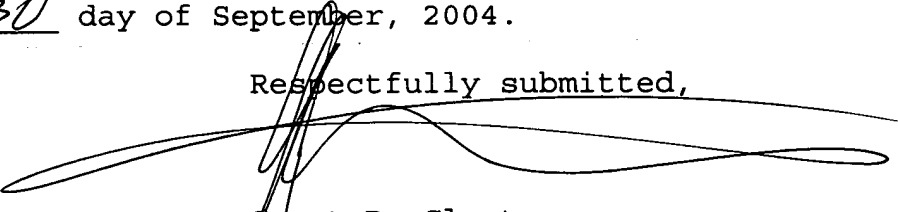
Submission Fee under 37 C.F.R. § 1.97(c)

In accordance with 37 C.F.R. § 1.97(c), a check in the amount of \$180.00 is enclosed to secure consideration of the references listed on the enclosed Form PTO-1449.

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0836.

DATED this 30 day of September, 2004.

Respectfully submitted,

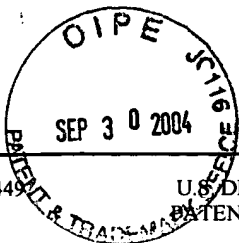


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PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. T9613.CON

SERIAL NO. 10/726,862

LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT Paul T. Clegg et al.

FILING DATE December 2, 2003

GROUP 2832

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,828,413	Mar. 25, 1958	Bowers			
	AB	2,853,585	Sep. 23, 1958	Danziger et al.			
	AC	3,284,667	Nov. 8, 1966	Harris et al.			
	AD	3,491,249	Jan. 20, 1970	Rabinow			
	AE	3,697,821	Oct. 10, 1972	Johnson			
	AF	3,736,591	May 29, 1973	Rennels et al.			
	AG	3,885,116	May 20, 1975	Kodaira			
	AH	3,918,062	Nov. 4, 1975	Haruki et al.			
	AI	3,940,660	Feb. 24, 1976	Edwards			
	AJ	3,980,954	Sep. 14, 1976	Whyte			
	AK	4,016,561	Apr. 5, 1977	Parker et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	DE 32 24 997 A1	Jan. 5, 1984	Germany				X
	AM	DE 43 08 161 A1	Sep. 22, 1994	Germany				X
	AN	EP 0 022 516	Jan. 21, 1981	Europe				X
	AO	EP 0 040 339	Nov. 25, 1981	Europe				
	AP	EP 0 054 582	Jun. 30, 1982	Europe				

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

	AQ		Ademco, "No. 5827BD Wireless Bidirectional Console used with No. 5800 TH Transmitter Module Installation Instructions and Operating Guide," Aug. 1993.					
	AR		Ademco, "No. 5827BD Wireless Bidirectional Console Installation and Setup Guide," Feb. 2004.					
	AS		"The search for standard automation protocols narrows," Air Conditioning Heating & Refrigeration News, Vol. 191, No. 5, p. 9, Jan. 1994.					

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AT	4,095,139	Jun. 13, 1978	Symonds et al.			
	AU	4,095,139 (reissue)	Jul. 9, 1997	Symonds et al.			
	AV	4,123,756	Oct. 31, 1978	Nagata et al.			
	AW	4,163,218	Jul. 31, 1979	Wu			
	AX	4,194,099	Mar. 18, 1980	Mickelson			
	AY	4,203,096	May 13, 1980	Farley et al.			
	AZ	4,206,443	Jun. 3, 1980	Britton			
	BA	4,225,808	Sep. 30, 1980	Saraceni			
	BB	4,262,180	Apr. 14, 1981	Walter			
	BC	4,274,045	Jun. 16, 1981	Goldstein			
	BD	4,300,090	Nov. 10, 1981	Weber			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BE	EP 0 196 347	Oct. 8, 1986	Europe			
	BF	EP 0 293 569	Dec. 7, 1988	Europe			
	BG	EP 0 327 128	Aug. 9, 1989	Europe			
	BH	EP 0 346 614	Dec. 20, 1989	Europe			X
	BI	EP 0 357 136	Mar. 7, 1990	Europe			
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
	BJ	Anonymous, "Echelon releases LONWORKS control network protocol, opening up huge potential," Sensor Review, Vol. 16, No. 4, p. 9, 1996.					
	BK	Anonymous, "New products offer high-speed transmission in control networks," Sensor Review, Vol. 13, No. 4, p. 39, 1993.					
	BL	"1 Million Nodes," Appliance Manufacturer, Vol. 44, No. 1, p. 16, Jan. 1996.					
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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BM	4,303,811	Dec. 1, 1981	Parkinson			
	BN	4,334,171	Jun. 8, 1982	Parman et al.			
	BO	4,336,464	Jun. 22, 1982	Weber			
	BP	4,338,595	Jul. 6, 1982	Newman			
	BQ	4,381,456	Apr. 26, 1983	Saito et al.			
	BR	4,388,567	Jun. 14, 1983	Yamazaki et al.			
	BS	4,395,660	Jul. 26, 1983	Waszkiewicz			
	BT	4,418,333	Nov. 29, 1983	Schwarzbach et al.			
	BU	4,421,966	Dec. 20, 1983	Pounds			
	BV	4,463,287	Jul. 31, 1984	Pitel			
	BW	4,468,542	Aug. 28, 1984	Pounds			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BX	EP 0 361 734	Apr. 4, 1990	Europe			
	BY	EP 0 435 224	Jul. 3, 1991	Europe			
	BZ	EP 0 466 152	Jan. 15, 1992	Europe			X
	CA	EP 0 513 443	Nov. 19, 1992	Europe			X
	CB	EP 0 552 769	Jul. 28, 1993	Europe			

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	CC		Ballerini et al., "AISI Research and MPR Ltd. to Develop and Market Home Automation Products for Telecommunications Industry," Business Wire, Sec. 1, p. 1, Jun. 2, 1989.
	CD		Berger, "Plug-In Remote Controls For The Whole House," Home Mechanix, Vol. 88, No. 762, pp. 26-29, 76, Feb. 1992.
	CE		Bertsch, "Development Tools for Home Automation," IEEE Transactions on Consumer Electronics, Vol. 36, No. 4, pp. 854-858, Nov. 1990.

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CF	4,471,493	Sep. 11, 1984	Schober			
	CG	4,484,190	Nov. 20, 1984	Bedard			
	CH	4,485,374	Nov. 27, 1984	Meserow et al.			
	CI	4,491,843	Jan. 1, 1985	Boubouleix			
	CJ	4,504,778	Mar. 12, 1985	Evans			
	CK	4,521,843	Jun. 4, 1985	Pezzolo et al.			
	CL	4,524,288	Jun. 18, 1985	Schimmelpennink et al.			
	CM	4,532,395	Jul. 30, 1985	Zukowski			
	CN	4,560,909	Dec. 24, 1985	Peil			
	CO	4,563,592	Jan. 7, 1986	Yuhasz et al.			
	CP	4,575,660	Mar. 11, 1986	Zaharchuk et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	CQ	EP 0 555 869	Aug. 18, 1993	Europe			
	CR	EP 0 558 349	Sep. 1, 1993	Europe			
	CS	EP 0 616 451	Sep. 21, 1994	Europe			X
	CT	EP 0 626 635	Nov. 30, 1994	Europe			
	CU	EP 0 687 078	Dec. 13, 1995	Europe			X

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	CV		Beuth Verlag GMBH, "DIN 19 245 Teil 1: Profibus," DIN Deutsches Institute für Normung E.V., Apr. 1991.
	CW		Boughton, "Hard-Wired Home: Automated systems can control everything from lights to curling irons to hot tubs – all at the push of a button," The San Francisco Chronicle, p. Z1, Aug. 30, 1995.
	CX		Buffkin, "CEBus, LonWorks heading from 'HomeLAN,'" Electronic Engineering Times, Vol. 847, p. 58, May 8, 1995.

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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CY	4,582,967	Apr. 15, 1986	Brumit et al.			
	CZ	4,590,614	May 20, 1986	Erat			
	DA	4,611,198	Sep. 9, 1986	Levinson et al.			
	DB	4,631,377	Dec. 23, 1986	Imazeki et al.			
	DC	4,635,040	Jan. 6, 1987	Masot			
	DD	4,644,320	Feb. 17, 1987	Carr et al.			
	DE	4,686,822	Aug. 4, 1987	Angott			
	DF	4,689,547	Aug. 25, 1987	Rowen et al.			
	DG	4,691,341	Sep. 1, 1987	Knoble et al.			
	DH	4,703,306	Oct. 27, 1987	Barritt			
	DI	4,714,983	Dec. 22, 1987	Lang			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO
	DJ	FR 2 702 115	Sep. 2, 1994	France			X
	DK	GB 1 215 009	Dec. 9, 1970	Great Britain			
	DL	GB 2 099 222	Dec. 1, 1982	Great Britain			
	DM	GB 2 166 328	Apr. 30, 1986	Great Britain			
	DN	WO 86/06890	Nov. 20, 1986	PCT			
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
	DO		Bushby, "The BACnet communication protocol for building automation system," Ashrae Journal, pp. 14-21, Apr. 1991.				
	DP		"Getting all your appliances on the same wavelength," Business Week, Vol. 3088, p. 92E, Jan. 23, 1989.				
	DQ		Butler, "Personal Technology at Home with Technology: LonWorks may run home of the future," The Atlanta Journal the Atlanta Constitution, p. P6, Nov. 19, 1995.				
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DR	4,716,409	Dec. 29, 1987	Hart et al.			
	DS	4,719,446	Jan. 12, 1988	Hart			
	DT	4,727,296	Feb. 23, 1988	Zaharchuk et al.			
	DU	4,728,949	Mar. 1, 1988	Platte et al.			
	DV	4,737,769	Apr. 12, 1988	Masot			
	DW	4,745,351	May 17, 1988	Rowen et al.			
	DX	4,749,917	Jun. 7, 1988	Angott et al.			
	DY	4,755,792	Jul. 5, 1988	Pezzolo et al.			
	DZ	4,764,981	Aug. 16, 1988	Miyahara et al.			
	EA	4,772,824	Sep. 20, 1988	Gulledge			
	EB	4,783,581	Nov. 8, 1988	Flowers et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	EC	WO 90/08418	Jul.26, 1990	PCT			
	ED	WO 93/13507	Jul. 8, 1993	PCT			
	EE	WO 95/32595	Nov. 30, 1995	PCT			
	EF	WO 97/29560	Aug. 14, 1997	PCT			

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	EG		Butler, "Wireless Light Switch Flexible, Easy to Install," The Colombus Dispatch, p. 10H, Oct. 23, 1993.
	EH		Butler, "Add-On Light Switches Eliminate Wiring Hassles," Roanoke Times & World News, p. 3, Jun. 6, 1995.
	EI		Bybee, "Build Reacts: The Radio-Electronics Advanced Control System," Radio Electronics, Vol. 59, No. 10, p. 65, Oct. 1988.

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	EJ	4,814,776	Mar. 21, 1989	Caci et al.			
	EK	4,823,069	Apr. 18, 1989	Callahan et al.			
	EL	4,825,209	Apr. 25, 1989	Sasaki et al.			
	EM	4,843,386	Jun. 27, 1989	Wolf			
	EN	4,864,588	Sep. 5, 1989	Simpson et al.			
	EO	4,876,552	Oct. 24, 1989	Zakman			
	EP	4,878,010	Oct. 31, 1989	Weber			
	EQ	4,889,999	Dec. 26, 1989	Rowen			
	ER	4,918,432	Apr. 17, 1990	Pauley et al.			
	ES	4,918,717	Apr. 17, 1990	Bissonnette et al.			
	ET	4,924,109	May 8, 1990	Weber			

FOREIGN PATENT DOCUMENTS							
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					YES	NO	

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	EU		Caristi, "Carrier-current remote control," Electronics Now, Vol. 66, No. 6, p. 49, Jun. 1, 1995.
	EV		Carlin, "On the bus," Sound & Image, Vol. 4, No. 3, p. 20, Fall 1994.
	EW		"What's new in CBus Shop™?" www.cbushop.com, at least as early as June 18, 2004.

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	EX	4,940,903	Jul. 10, 1990	Brown, Jr. et al.			
	EY	4,948,987	Aug. 14, 1990	Weber			
	EZ	4,955,084	Sep. 4, 1990	Umetsu et al.			
	FA	4,980,806	Dec. 25, 1990	Taylor et al.			
	FB	5,003,318	Mar. 26, 1991	Berneking et al.			
	FC	5,017,837	May 21, 1991	Hanna et al.			
	FD	5,028,853	Jul. 2, 1991	Brown, Jr. et al.			
	FE	5,034,602	Jul. 23, 1991	Garcia, Jr. et al.			
	FF	5,041,825	Aug. 20, 1991	Hart et al.			
	FG	5,051,720	Sep. 24, 1991	Kittirutsunetorn			
	FH	5,079,559	Jan. 7, 1992	Umetsu et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	FI		"U105RHH001BPW1: Handheld Remote Unit - Pearl White," www.cbus-shop.com, at least as early as June 18, 2004.
	FJ		Coffey, "CEBus," email, at least as early as July, 2004.
	FK		"Open the pod bay door," Compute!, Vol. 14, No. 11, p. 44, Dec. 1992.

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	FL	5,086,385	Feb. 4, 1992	Launey et al.			
	FM	5,109,222	Apr. 28, 1992	Welty			
	FN	5,113,498	May 12, 1992	Evan et al.			
	FO	5,146,153	Sep. 8, 1992	Luchaco et al.			
	FP	5,175,477	Dec. 29, 1992	Grissom			
	FQ	5,189,412	Feb. 23, 1993	Mehta et al.			
	FR	5,209,560	May 11, 1993	Taylor et al.			
	FS	5,225,765	Jul. 6, 1993	Callahan et al.			
	FT	5,237,264	Aug. 17, 1993	Moseley et al.			
	FU	5,239,205	Aug. 24, 1993	Hoffman et al.			
	FV	5,247,293	Sep. 21, 1993	Nakagawa			
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	FW		Cross et al., "A Fiber Optic Home Automation System," IEEE Transactions on Consumer Electronics, Vol. 39, No. 3, pp. 636-645, Aug. 1993.				
	FX		Davidson, "Echelon's Local Operating Network," Circuit Cellar Ink, pp. 74-77, June/July 1991.				
	FY		Davidson, "Take a Tour of the Bright Home," The Computer Applications Journal, Vol. 25, pp. 14-21, February/March 1992.				
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LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FZ	5,248,919	Sep. 28, 1993	Hanna et al.			
	GA	5,280,296	Jan. 18, 1994	Tan et al.			
	GB	5,311,656	May 17, 1994	Eldershaw			
	GC	5,321,736	Jun. 14, 1994	Beasley			
	GD	5,327,426	Jul. 5, 1994	Dolin, Jr. et al.			
	GE	5,340,954	Aug. 23, 1994	Hoffman et al.			
	GF	5,349,362	Sep. 20, 1994	Forbes et al.			
	GG	5,361,985	Nov. 8, 1994	Rein et al.			
	GH	5,373,411	Dec. 13, 1994	Grass et al.			
	GI	5,382,947	Jan. 17, 1995	Thaler et al.			
	GJ	5,399,940	Mar. 21, 1995	Hanna et al.			
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	GK		Davidson, "CEBus: A New Standard in Home Automation," Circuit Cellar Ink, pp. 40-52, August/September, 1989.				
	GL		Davidson, "CEBus Update," Circuit Cellar Ink, pp. S2-S10, Building Automation Special.				
	GM		Davidson, "CEBus Gets Physical," Circuit Cellar Ink, pp. 103-104, February/March, 1991.				
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	GN	5,400,246	Mar. 21, 1995	Wilson et al.			
	GO	5,401,927	Mar. 28, 1995	Lundell et al.			
	GP	5,436,510	Jul. 25, 1995	Gilbert			
	GQ	5,452,291	Sep. 19, 1995	Eisenhandler et al.			
	GR	5,455,464	Oct. 3, 1995	Gosling			
	GS	5,455,761	Oct. 3, 1995	Kushiro et al.			
	GT	5,467,264	Nov. 14, 1995	Rauch et al.			
	GU	5,481,750	Jan. 2, 1996	Parise et al.			
	GV	5,490,144	Feb. 6, 1996	Tran et al.			
	GW	5,495,406	Feb. 27, 1996	Kushiro et al.			
	GX	5,565,855	Oct. 15, 1996	Knibbe			

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	GY		Davidson, "CEBus Update: More Physical Details Available," Circuit Cellar Ink, pp. 66-72, June/July 1991.
	GZ		Davidson, "CEBus Goes Coax," The Computer Applications Journal, Vol. 25, pp. 108-110, Feb/Mar 1992.
	HA		Davidson, "Habitech 94," The Computer Applications Journal, Vol. 47, pp. 46-51, June 1994.

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	HB	5,565,865	Oct. 15, 1996	So			
	HC	5,588,760	Dec. 31, 1996	So			
	HD	5,637,930	Jun. 10, 1997	Rowen et al.			
	HE	5,640,141	Jun. 17, 1997	Myllymäki			
	HF	5,657,005	Aug. 12, 1997	Seebeck et al.			
	HG	5,668,358	Sep. 16, 1997	Wolf et al.			
	HH	5,711,588	Jan. 27, 1998	Rudisill			
	HI	5,726,644	Mar. 10, 1998	Jednacz et al.			
	HJ	5,736,965	Apr. 7, 1998	Mosebrook et al.			
	HK	5,748,828	May 5, 1998	Steiner et al.			
	HL	5,796,382	Aug. 18, 1998	Beeteson			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
	HM		Delaney, "The CEBus perspective," Appliance Manufacturer, Vol. 41, No. 5, p. 31, May 1993.				
	HN		DiChristina et al., "Controlling the Home," Popular Science, Vol. 240, No. 5, p. 48, May 1992.				
	HO		DiLouie, "Automated Controls Can Save Energy," Facilities Design & Management, Vol. 41, No. 11, p. 35, Nov. 1995.				
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	HP	5,801,345	Sep. 1, 1998	Mikula-Curtis et al.			
	HQ	5,905,442	May 18, 1999	Mosebrook et al.			
	HR	5,912,443	Jun. 15, 1999	Hasunuma			
	HS	5,960,942	Oct. 5, 1999	Thornton			
	HT	5,962,109	Oct. 5, 1999	Schwietz			
	HU	5,975,711	Nov. 2, 1999	Parker et al.			
	HV	5,977,901	Nov. 2, 1999	Fenner			
	HW	5,982,103	Nov. 9, 1999	Mosebrook et al.			
	HX	6,032,202	Feb. 29, 2000	Lea et al.			
	HY	6,080,940	Jun. 27, 2000	Rice			
	HZ	6,140,987	Oct. 31, 2000	Stein et al.			

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])					
	IA		Douligeris et al., "The Consumer Electronic Bus Symbol Encoding Sublayer: A Twisted Pair Implementation," IEEE, pp. 385-388, 1992.		
	IB		Douligeris, "Intelligent Home Systems: Low-cost computers and fiber optics make it possible to implement systems that can integrate data, voice, and visual communications inside the home," IEEE Communications Magazine, pp. 52-61, Oct. 1993.		
	IC		Douligeris et al., "Communications and Control for a Home Automation System," IEEE, pp. 171-175, 1991.		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EXAMINER</td> <td style="width: 50%;">DATE CONSIDERED</td> </tr> </table>				EXAMINER	DATE CONSIDERED
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	ID	6,169,256	Jan. 2, 2001	Hanahara et al.			
	IE	6,180,895	Jan. 30, 2001	Hutchinson et al.			
	IF	6,184,481	Feb. 6, 2001	Chen			
	IG	6,199,136	Mar. 6, 2001	Shteyn			
	IH	6,233,132	May 15, 2001	Jenski			
	II	6,355,890	Mar. 12, 2002	Kuroda			
	IJ	6,369,800	Apr. 9, 2002	Nading et al.			
	IK	6,467,924	Oct. 22, 2002	Shipman			
	IL	6,493,874	Dec. 10, 2002	Humpleman			
	IM	6,523,696	Feb. 25, 2003	Saito et al.			
	IN	6,549,190	Apr. 15, 2003	Windrem			

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	IO		Driscoll, "A Timeline for Home Automation," www.eddriscoll.com, 2002.
	IP		Edden, "Modelling CEBus Home Automation with Knowledge Based Tools," IEEE, pp. 623-627, 1990.
	IQ		"LONworks gets interface boards," Electronic Engineering Times, p. 54, Jul. 3, 1995.

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EXAMINER INITIALS	IR	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	IR	6,555,774	Apr. 29, 2003	Nielsen			
	IS	6,575,607	Jun. 10, 2003	Klemish et al.			
	IT	6,593,530	Jul. 15, 2003	Hunt			
	IU	6,608,271	Aug. 19, 2003	Duarte			
	IV	6,618,764	Sep. 9, 2003	Shteyn			
	IW	6,640,141	Oct. 28, 2003	Bennett			
	IX	6,680,730	Jan. 20, 2004	Shields et al.			
	IY	2001/0055003	Dec. 27, 2001	Chi et al.			
	IZ	2002/0026533	Feb. 28, 2002	Dutta et al.			
	JA	2002/0037004	Mar. 28, 2002	Bossemeyer et al.			
	JB	2003/0012035	Jan. 16, 2003	Bernard			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))			
	JC		Electronic Industries Association. EIA-600 (Sections 600.10, 600.31, 600.32, 600.33, 600.35, 600.37, 600.38, 600.41, 600.42, 600.81, and 600.82), Feb. 1995.
	JD		"New CEBus devices target energy management," Electronic News, Vo. 40, No. 2006, p. 48, Mar. 21, 1994.
	JE		"Intellon-IBM CEBus deal eyes energy/com system," Electronic News, Vol. 41, No. 2063, p. 24, May 1, 1995.

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	JF	2003/0052770	Mar. 20, 2003	Mansfield, Jr. et al.			
	JG	2003/0056012	Mar. 20, 2003	Modeste et al.			
	JH	2003/0129969	Jul. 10, 2003	Rucinski			
	JI	2003/0227894	Dec. 11, 2003	Wang et al.			
	JJ	2003/0233429	Dec. 18, 2003	Matte et al.			
	JK	2004/0037288	Feb. 26, 2004	Bourgart et al.			
	JL	2004/0054747	Mar. 18, 2004	Breh et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
	JM		"Intellon spins home automation roadmap," Electronic News, Vol. 41, No. 2064, P. 46, May 8, 1995.				
	JN		"WA firm wins US automation award," Electronics Australia, Vol. 57, No. 1, p. 123, Jan. 1995.				
	JO		Evans, "Solving Home Automation Problems Using Artificial Intelligence Techniques," IEEE, pp. 395-400, 1991.				
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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	JV		Gikas, "Total Home Control from Your Car," Home Mechanix, Vol. 91, No. 794, p. 24, Apr. 1995.
	JW		Gilmore, "The integrated automated educated house," Popular Science, Vol. 236, No. 6, p. 104, Jun. 1990.
	JX		Gilmore, "The World's Smartest Houses," Popular Science, Vol. 237, No. 3, pp. 56-65, Sep. 1990.

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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	KH		Interim Standard. IS-60.04 Node Communications Protocol, Part 6: Application Layer Specification. Apr. 1996.
	KI		Iversen, "A New Push Begins to Sell a Home Bus," Electronics, Vol. 61, No. 12, p. 40, June 1988.
	KJ		"Building Blocks for Home Automation," IW, p. 23, May 15, 1995.

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	KK		Jancsurak, "Smart receptacle for smart plugs," Electronic Industries Association, Vol. 41, No. 4, p. 62, April 1993.		
	KL		Karpinski, "In-home networks draw industry attention," Interactive Age, Vol. 2, No. 6, p. 39, Jan. 16, 1995.		
	KM		Keefe, Jr., "Power Line Modem for Home Control," Electronics Now, p. 65, Mar. 1994.		
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	LF		Parks, "The State of Home Systems," The Computer Applications Journal, Vol. 25, pp. 12-13, Feb/Mar, 1992.
	LG		Parks Associates, <i>Home Systems 94: Home Controls</i> , Parks Associates, Dallas, 1994.
	LH		Parks et al., <i>X-10 Ltd., Myths and Reality: The Facts Behind th Company and the Technology</i> , Parks Associates, Dallas, 1994.
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LL		"Home automation networks links public utility," Professional Builder, Vol. 59, No. 7, p. 64, Jul. 1994.
LM		"Home automation & electronics," Professional Builder, Vol. 60, No. 2, p. 350, Mid-Jan. 1995.
LN		"Exclusive survey results: Home buyers & the intelligent house," Professional Builder, Vol. 60, No. 19, p. 13, Dec. 1995.

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	LU		Schade, "Convenient Remote-Control Light Switching Saves Energy," Energy & Automation, Vol. 9, No. 1, pp. 37-39, Jan/Feb 1987.
	LV		Schade, "Switching of Lighting Installations by Remote Control," Elektrische Energie-Technik, Vol. 29, No. 2, p. 18, Jun/Jul 1984.
	LW		Schade, "New Aspects in the Horizontal Power Supply of Lighting Installations," Siemens Power Engineering, Vol. 6, No. 4, pp. 239-239, Jul/Aug 1984.
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	LX		Schofield, "Home Automation Takes Off: Intellon products support a 'home electronic highway,'" Design News, pp. 84-87, Apr. 10, 1995.
	LY		"Introducing Digital Wireless Lighting and Appliance Control," www.smarthomepro.com, at least as early as Jun. 21, 2004.
	LZ		"Z-Wave Radio Frequency Wireless Controller," www.smarthomeusa.com, at least as early as Jun. 19, 2004.
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MD		"What is X10?" www.smarthome.com, at least as early as Jun. 21, 2004.
ME		"Automatically Turn On X10 Lights When You Enter the Room!" www.smarthome.com, at least as early as Jun. 18, 2004.
MF		"Control Lights and Appliances from the Comfort of Your Sofa!" www.smarthome.com, at least as early as Jun. 21, 2004.
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])		
	MG	Stauffer, "The SMART HOUSE System," The Computer Applications Journal, Vol. 31, pp. 14-23, Feb. 1993.
	MH	Strassberg, "Home Automation Buses: Protocols really hit home," EDN, pp. 69-80, Apr. 13, 1995.
	MI	Taber, "The Arrival of a World Without Wires," Business for Central New Jersey, Vol. 2, No. 3, Section 1, p. 3, Feb. 13, 1989.

EXAMINER	DATE CONSIDERED
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PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Paul T. Clegg et al.			
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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])		
MJ		Tanenbaum, <i>Computer Networks</i> , Prentice-Hall, Inc., Englewood Cliffs, New Jersey, pp. 144, 271, 275, 1989.
MK		"Lighting control (Buyers Guide)," TCI, Vol. 28, No. 10, p. 56, Dec. 1, 1994.
ML		Teyssier, "BatiBUS: BatiBUS System Design Principles," June, 1990.

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	MM		Uhara et al., "Development of HI (Home Information) Control System," Sharp Technical Journal, Vol. 59, pp. 29-42, Aug. 1994.				
	MN		"Lighting & Appliance Control," www.unitysystemshomemanager.com, at least as early as June 23, 2004.				
	MO		Wacks, "The Impact of Home Automation on Power Electronics, IEEE, pp. 3-9, 1993.				
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MP		Williams, "Brightening Up The House: Latest Technology, marketing Developments Bring Sophisticated Home Automation Closer to the Masses," Chicago Tribune, p. 1, Mar. 3, 1996.
MQ		"Wireless hookups offered through radio technology," UCLA.
MR		"SuperRemote Home Control Kit," www.x10.com, at least as early as June. 18, 2004.

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